

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s)	Joseph D La Scola Michael Reilly	Case Name	Internet P 2
Filing Date	11/8/2001	Serial No.	10/006,917
Examiner	Deborah M. Brann	Group Art Unit	3632
Title	Optical Cable Guide and Support		

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

RECEIVED
MAY 22 2003
GROUP 3600

RULE 132 DECLARATION

This Declaration is presented pursuant to 37 CFR 1.132 to traverse a rejection based on US Patent 6,170,784 B1.

1. My name is Dr. Luc Boivin, and I am employed at Internet Photonics, Inc.
2. I earned a Ph.D degree in Physics, from M.I.T., in 1996.
3. Following grant of my Ph.D. I worked at Lucent Technologies, Bell Labs, from 1996 till 2000, at which time I joined Internet Photonics, Inc.
4. I have published over forty papers in peer-review journals, and hold three US patents.
5. I am a member of technical committee on ultra-fast optoelectronics for the Conference on Laser and Electro-Optics (CLEO).
6. I read the above-mentioned patent, and respectfully submit the following statements.
7. The patent mentions an equipment rack, and states that upright supports 14 and 16 form part of the rack. No other element of the equipment rack is actually shown in any of the drawings.
8. The equipment rack probably has some other elements that insure that uprights 14 and 16 stand at a fixed distance relative to each other, but such other elements are not shown.

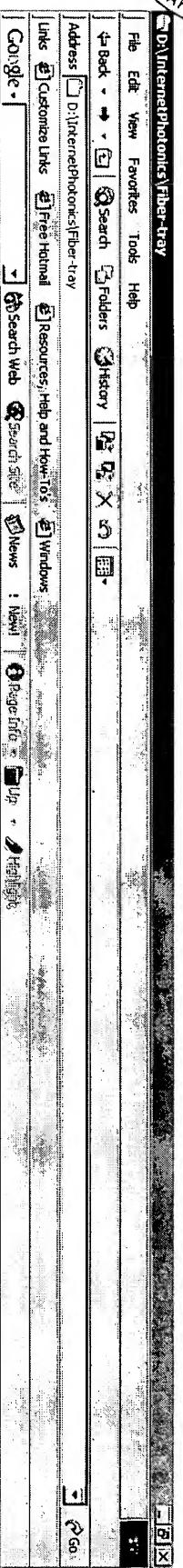
9. In dashed lines, FIG. 1 shows what appears to be electronic equipment with a front panel 24 and flanges 26 and 27. Flange 26 is held against upright 14 by bolts 28 and, similarly, flange 28 is held against upright 16 by bolts 28.
10. The same bolts that hold the flanges against the upright support members also hold a cable holder, which is a single structure that, in broad terms, can be viewed as two L-shaped end-members that are connected by a planar member. The planar member and the ends of the L-shaped members (at the right extremity of the letter L) have a short upright extension that forms a short upright wall.
11. At a number of spots along this short upright extension there are slits for straps that may be used to bundle cables. Associated with each of the slits there is a hook for accepting the straps.
12. These hooks are not aligned with each other.
13. The word "trough" is defined as a "long, narrow, generally shallow receptacle, such as one for holding water or feed for animals." Or, "a gutter under the eaves of a roof." (The American Heritage Dictionary, Houghton Mifflin Co., NY, 1991.)
14. Thus, in a non-telecommunication environment, a **trough** is a long narrow shallow receptacle that is used to channel the flow of something that disperses easily (such as liquid, or grain), and generally possesses a uniform cross section. When the two ends are closed-up, a trough is also used to hold something that would otherwise disperse easily.
15. In the telecommunications field it is common to guide cables in channels, or troughs.
16. The meaning of the term "trough" in the telecommunications field is essentially the same as in general usage of the term. That is, a **trough** is a long narrow shallow receptacle, also generally having a uniform cross section, that is used to channel the placement of cables.
17. I submit that the cable holder of the aforementioned patent, which has an elongated portion -- which is made up of the horizontal portions of the L-shaped members and the planar member, and a short upright wall **on one side only** (and an occasional loop to the left of the short upright extension) -- IS NOT A TROUGH.

18. If anyone were to erroneously consider the occasional loops 70 – which are not even aligned with each other – as constituting a wall that forms a trough, that trough's opening would be facing **up**, parallel to the plane formed by upright members 14 and 16. It cannot be said that such a trough opening is facing the equipment rack.
19. As for the distance between the equipment rack and the aforementioned elongated portion, the only observation that can be made is relative to the upright support members 14 and 16, since they are the only elements of the equipment rack that are shown.
20. That distance is fixed, and it is equal to the length of the support section 54.

Respectfully submitted,

 Dr. Luc Boivin . May 6th 2003

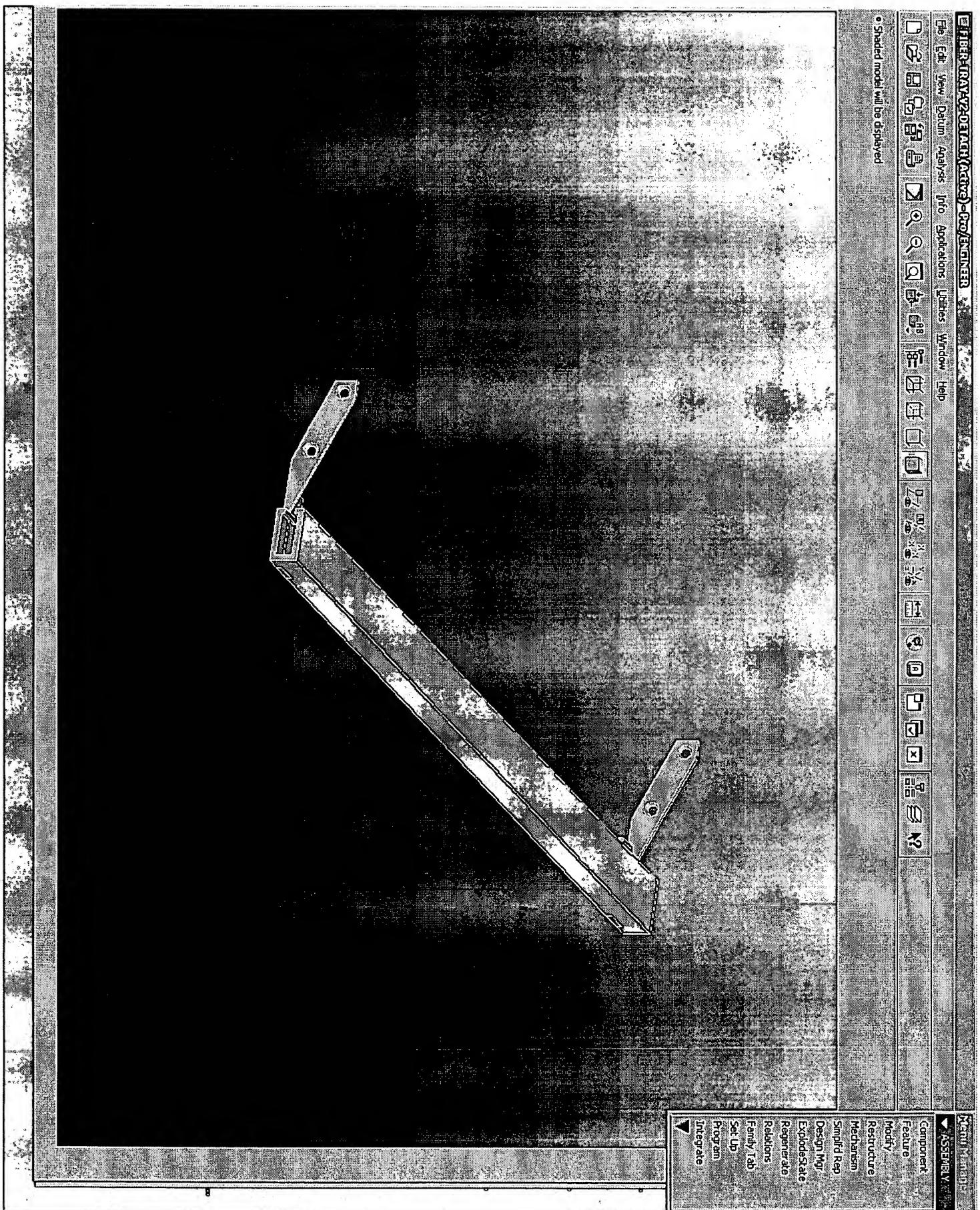
O
PATENT & TRADEMARK OFFICE
MAY 1 9 2003



RECEIVED

MAY 22 2003

GROUP 3600



EDACER-PRO/ENGINEER

File Edit View Datum Analysis Info Applications Utilities Window Help

- Shaded image file is ready.
- Base window cannot be closed.
- Shaded model will be displayed.

